

FIG. 1

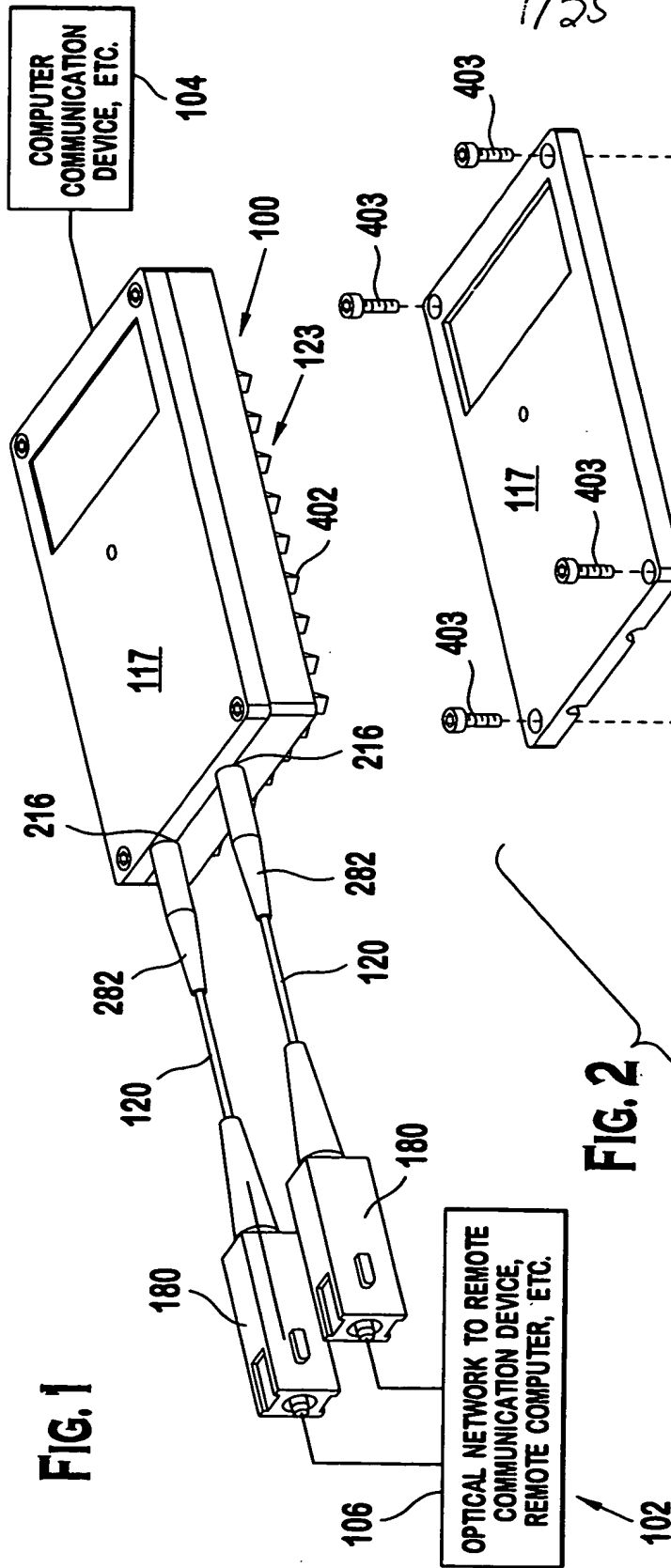
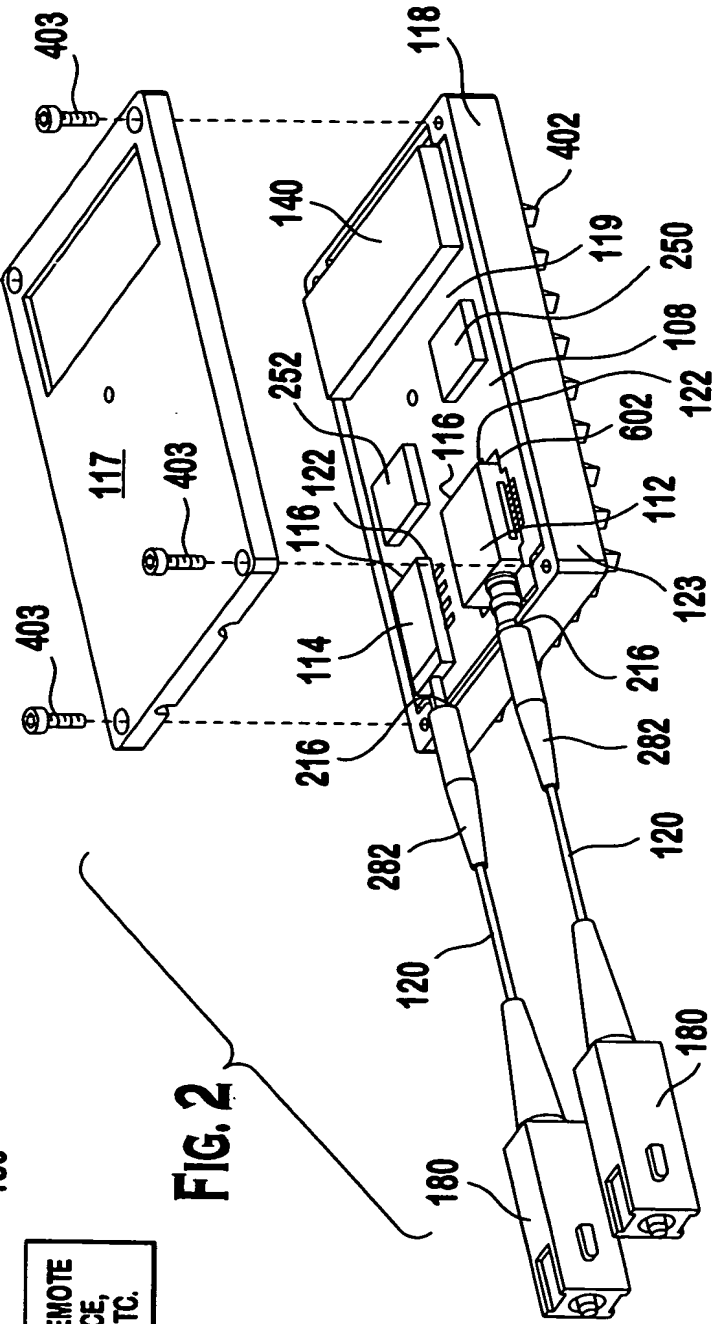


FIG. 2



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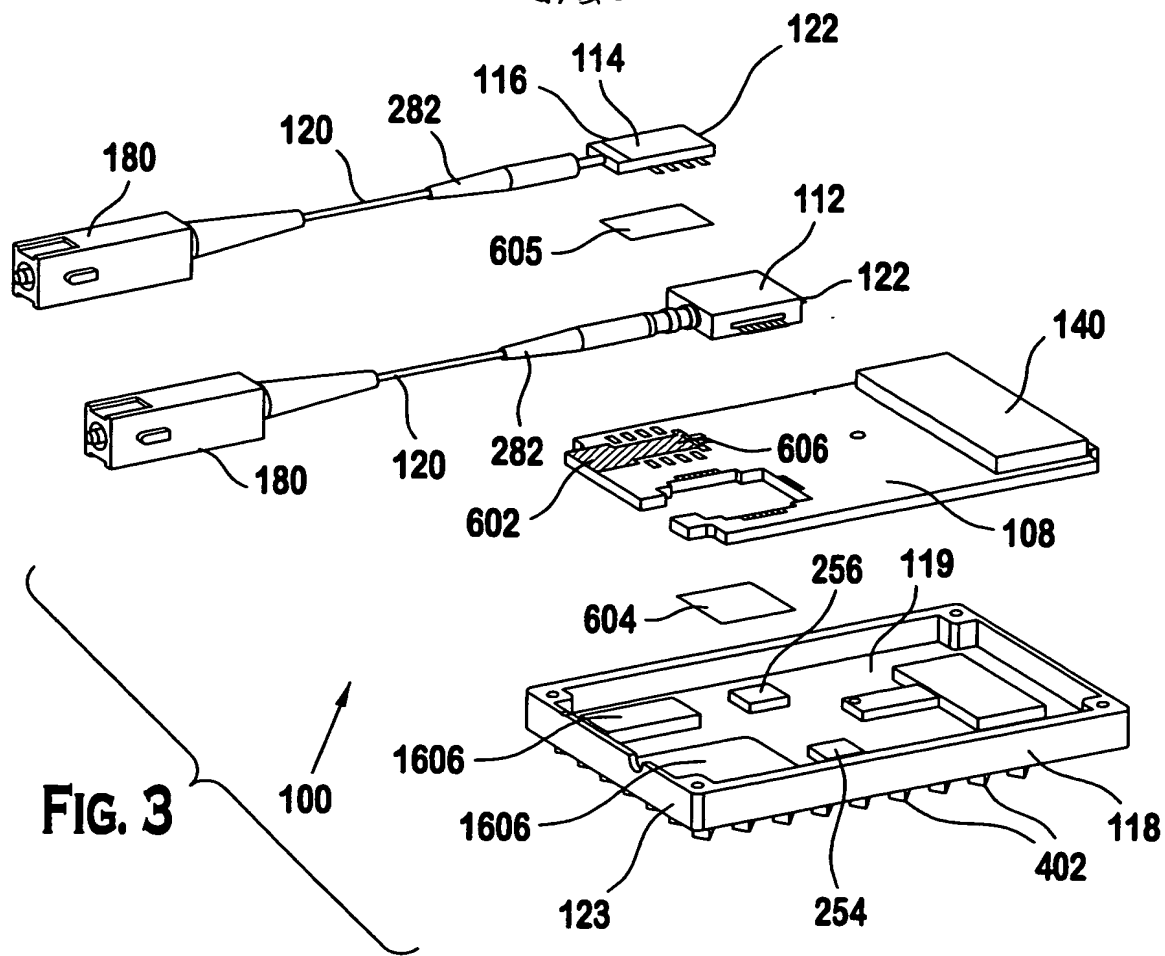


FIG. 4

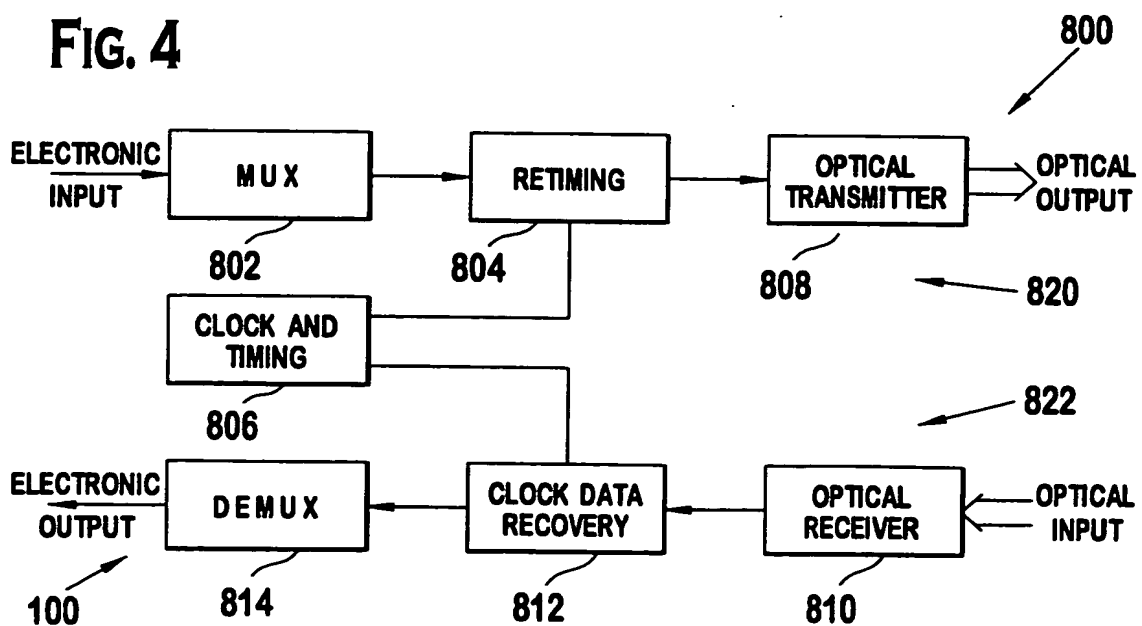


FIG. 5

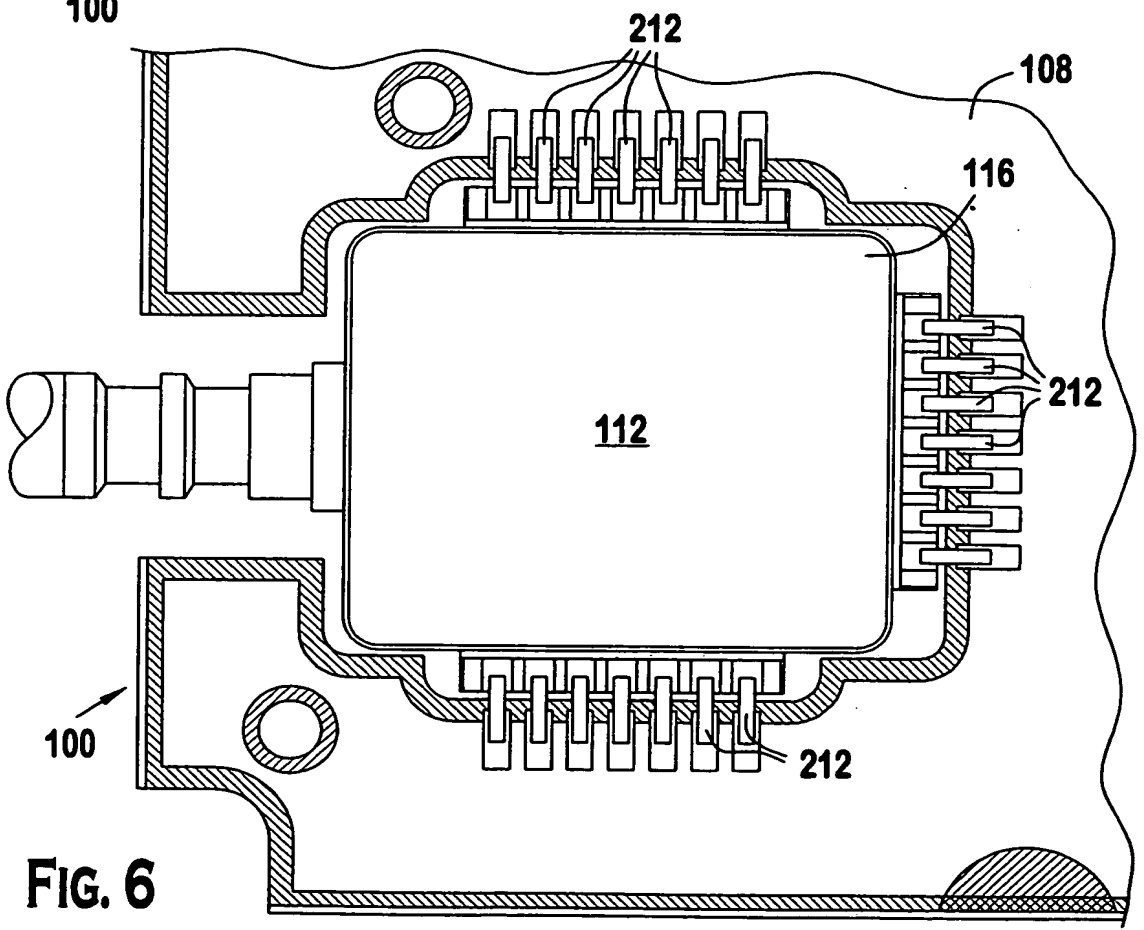
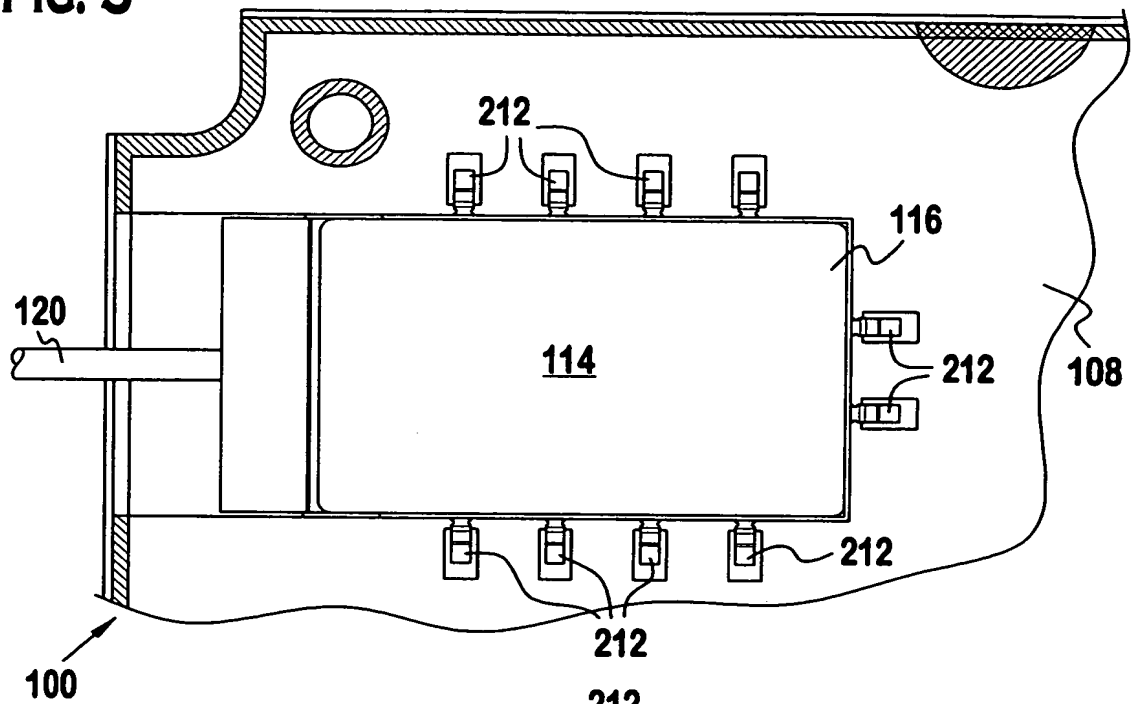


FIG. 6

FIG. 7 is a perspective view of the device 100 in a retracted position.

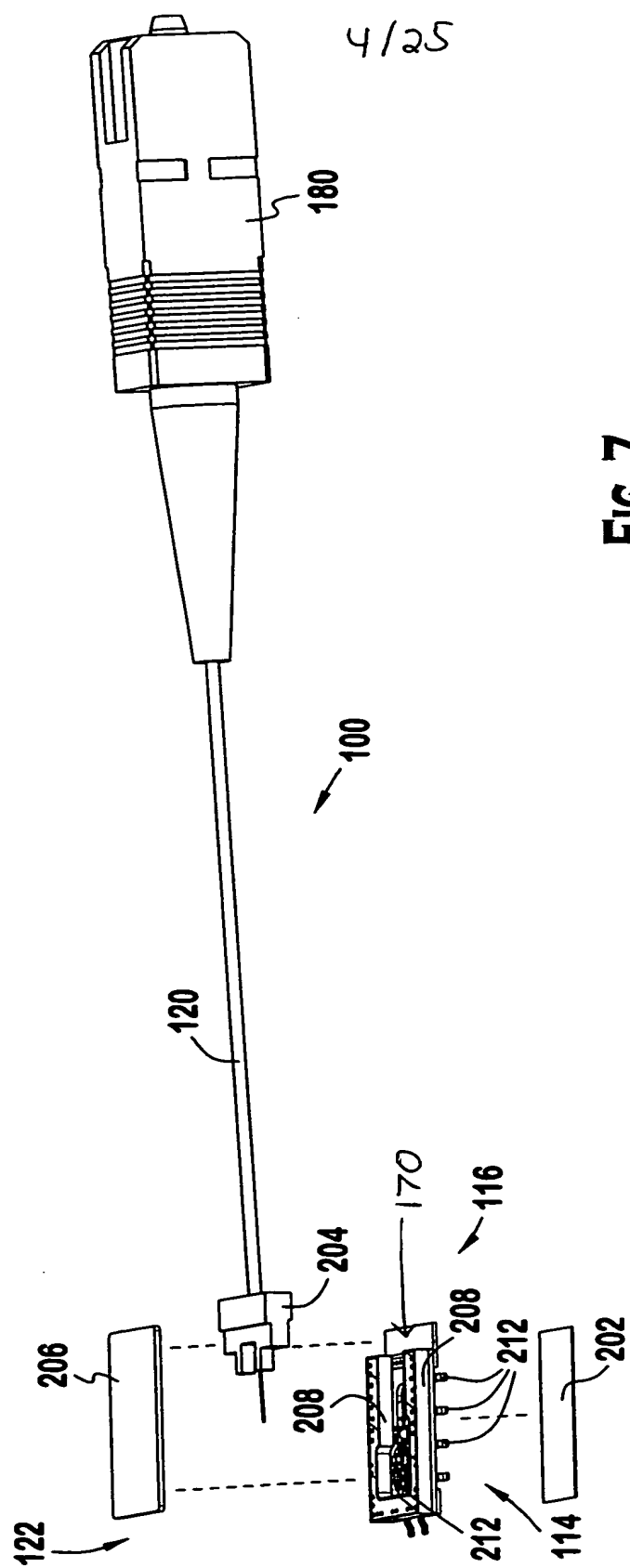


FIG. 7

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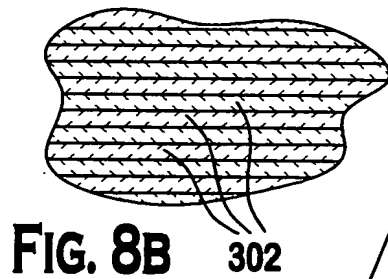
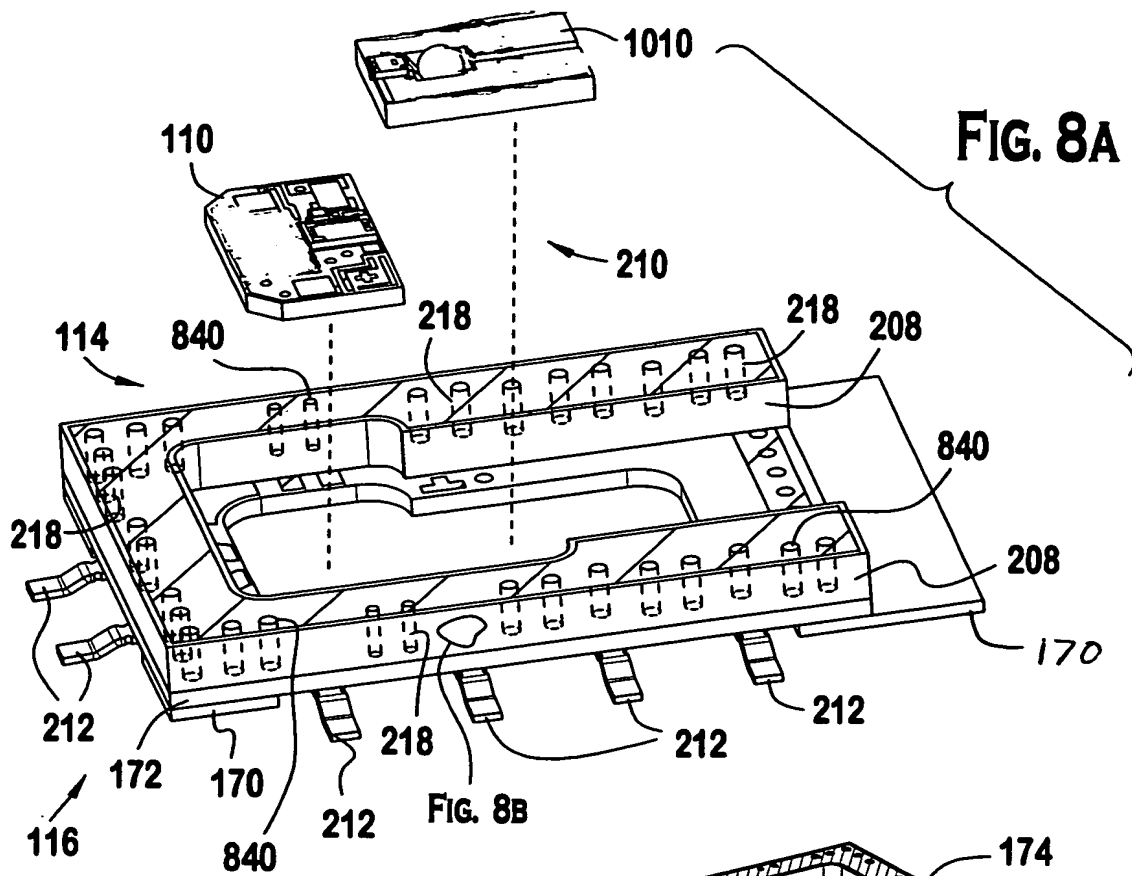
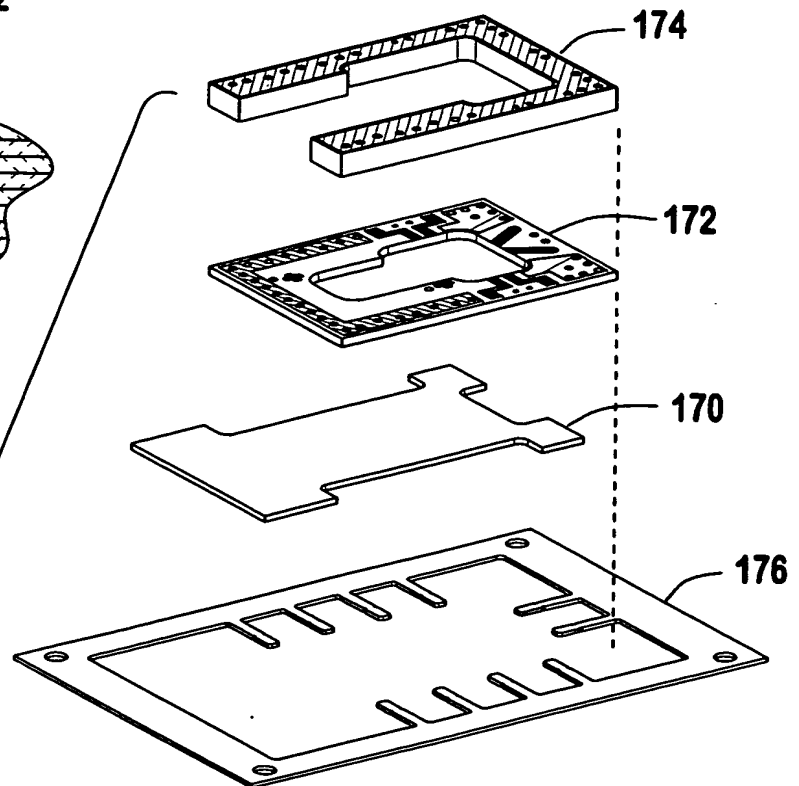


FIG. 9



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FIG. 10

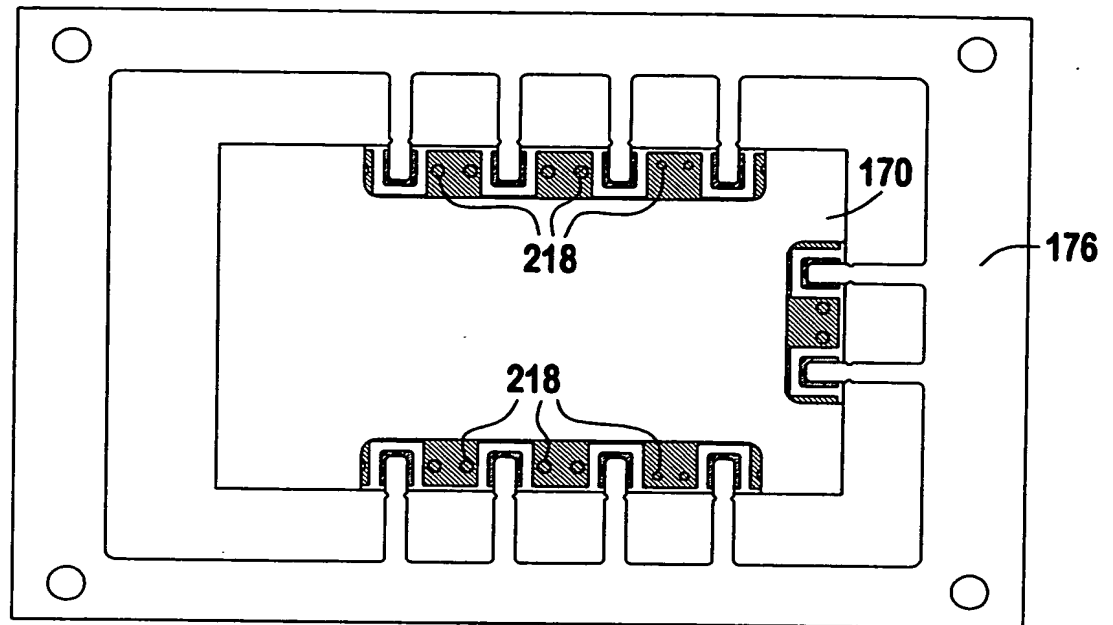
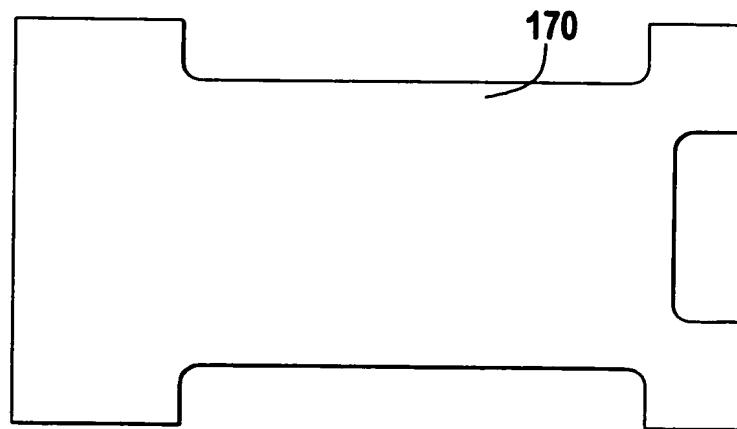


FIG. 11



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FIG. 12

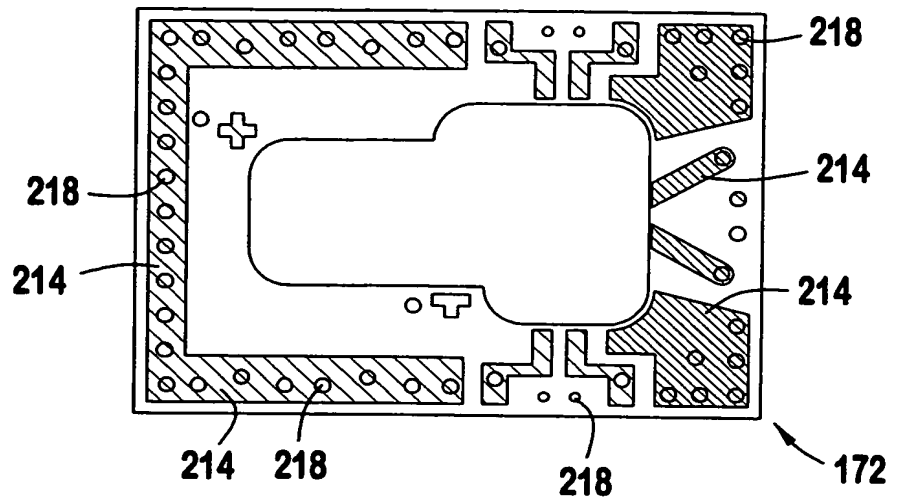


FIG. 13

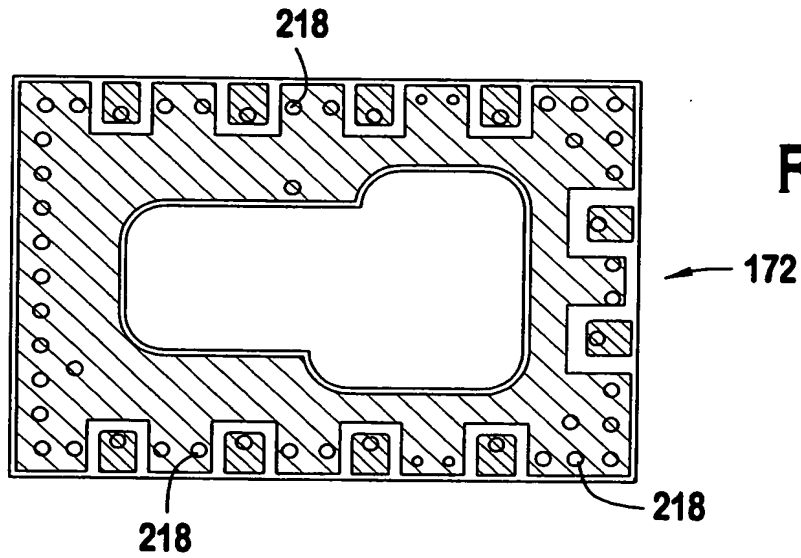
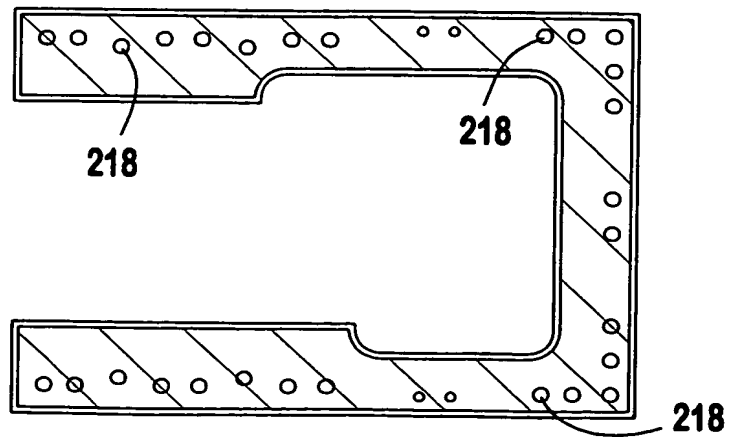


FIG. 14



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FIG. 15

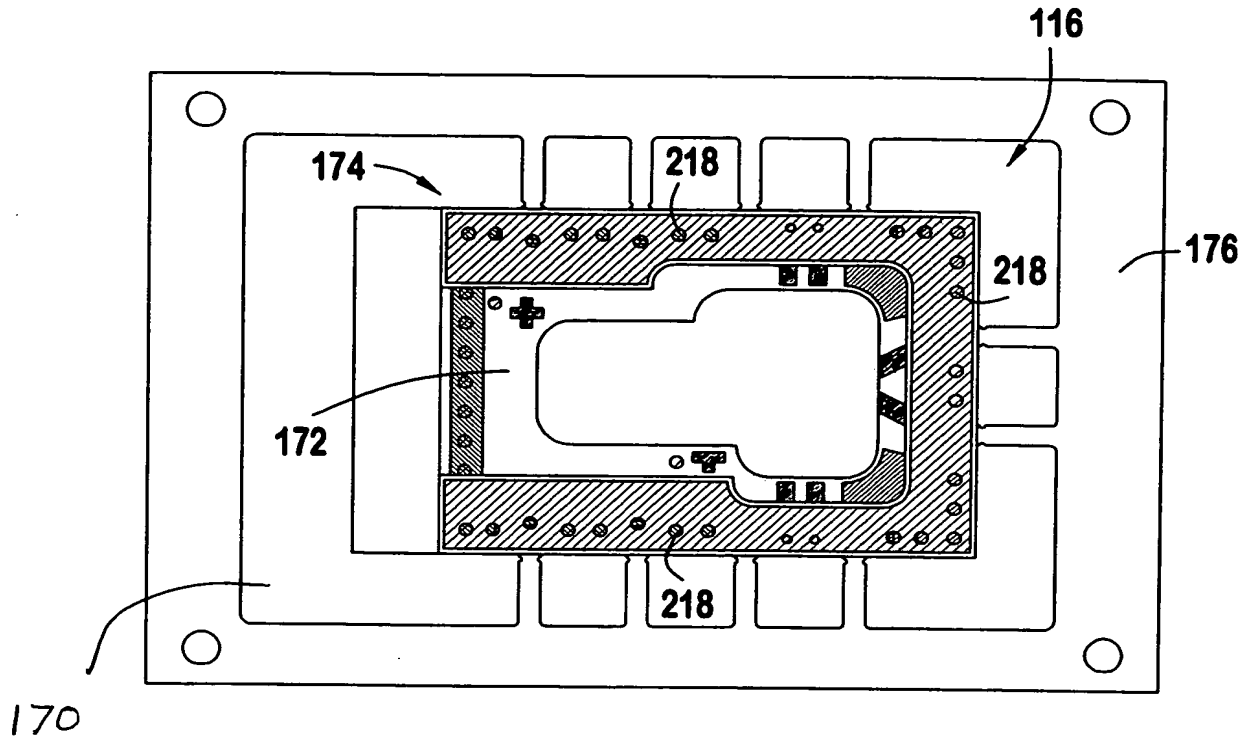
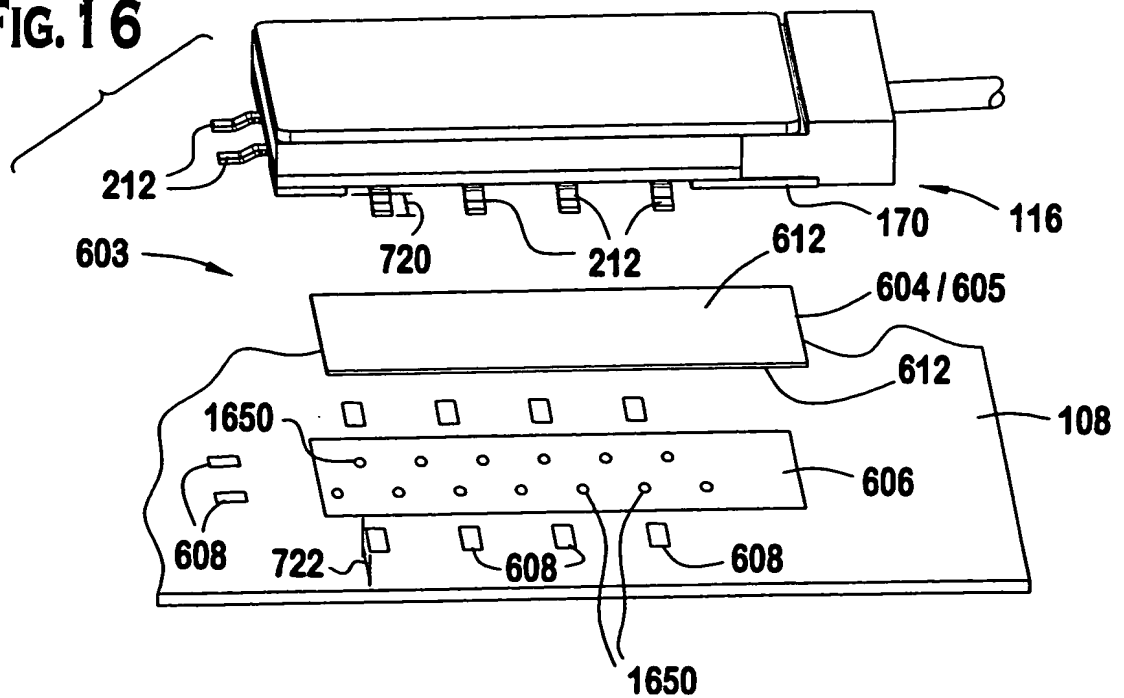


FIG. 16





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FIG. 18

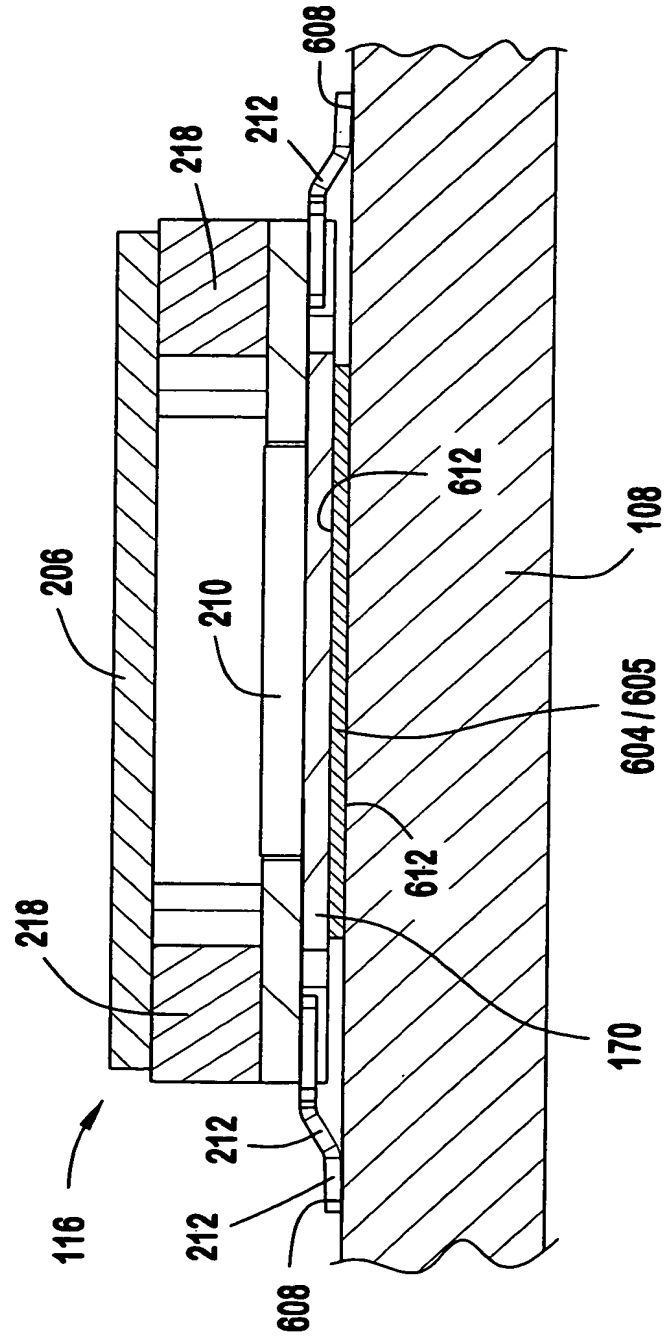




FIG. 10 is a perspective view of a second embodiment of a probe. The probe 900 includes a main body 904 and a tapered tip 902. The tip 902 has a central channel 910 and side channels 912. A width $w1$ is indicated at the base of the tip.



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FIG. 20B

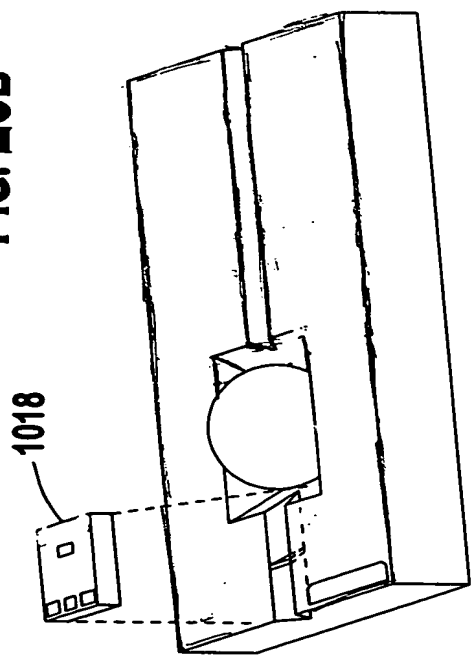
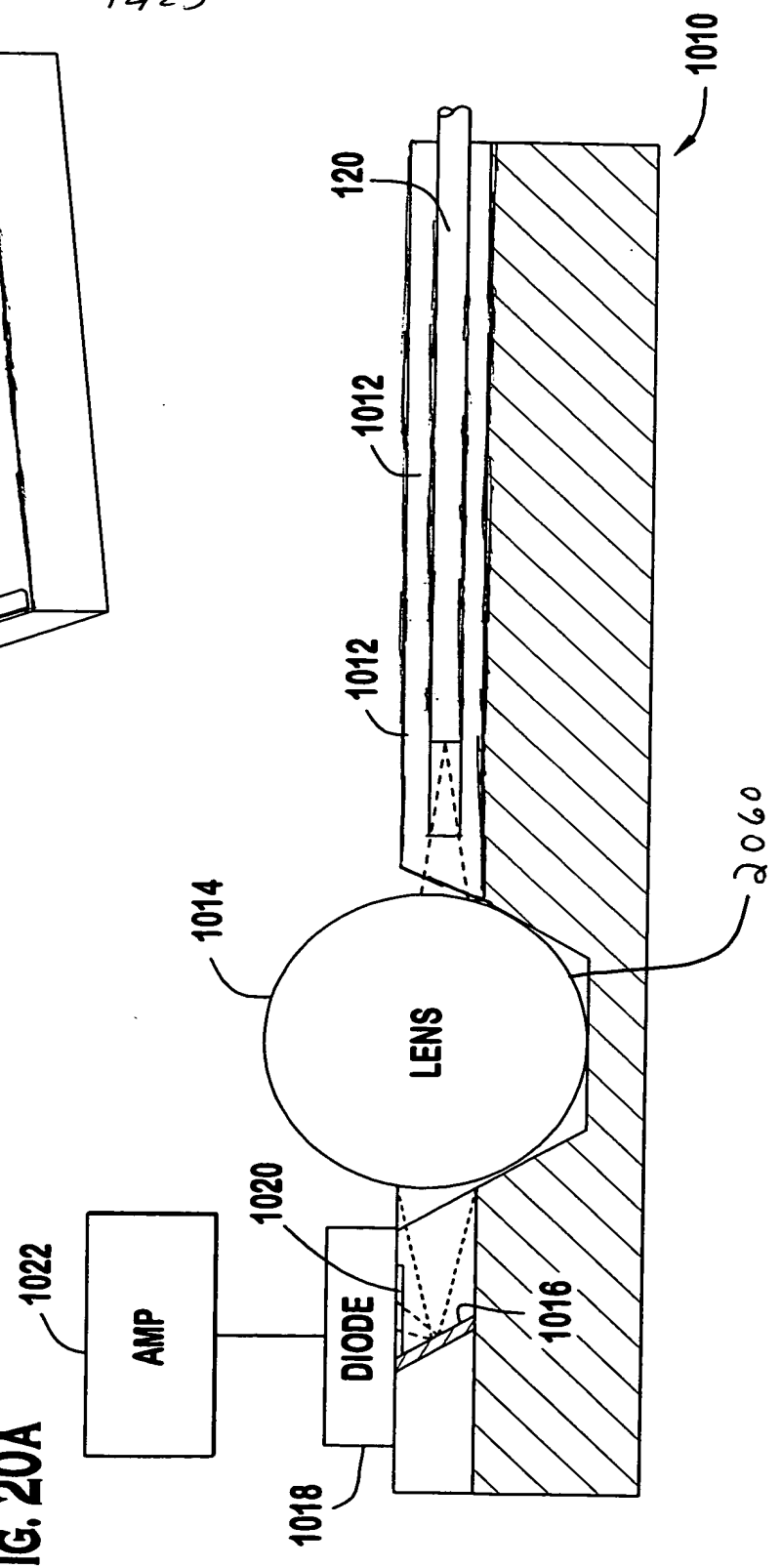
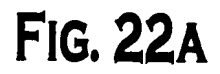


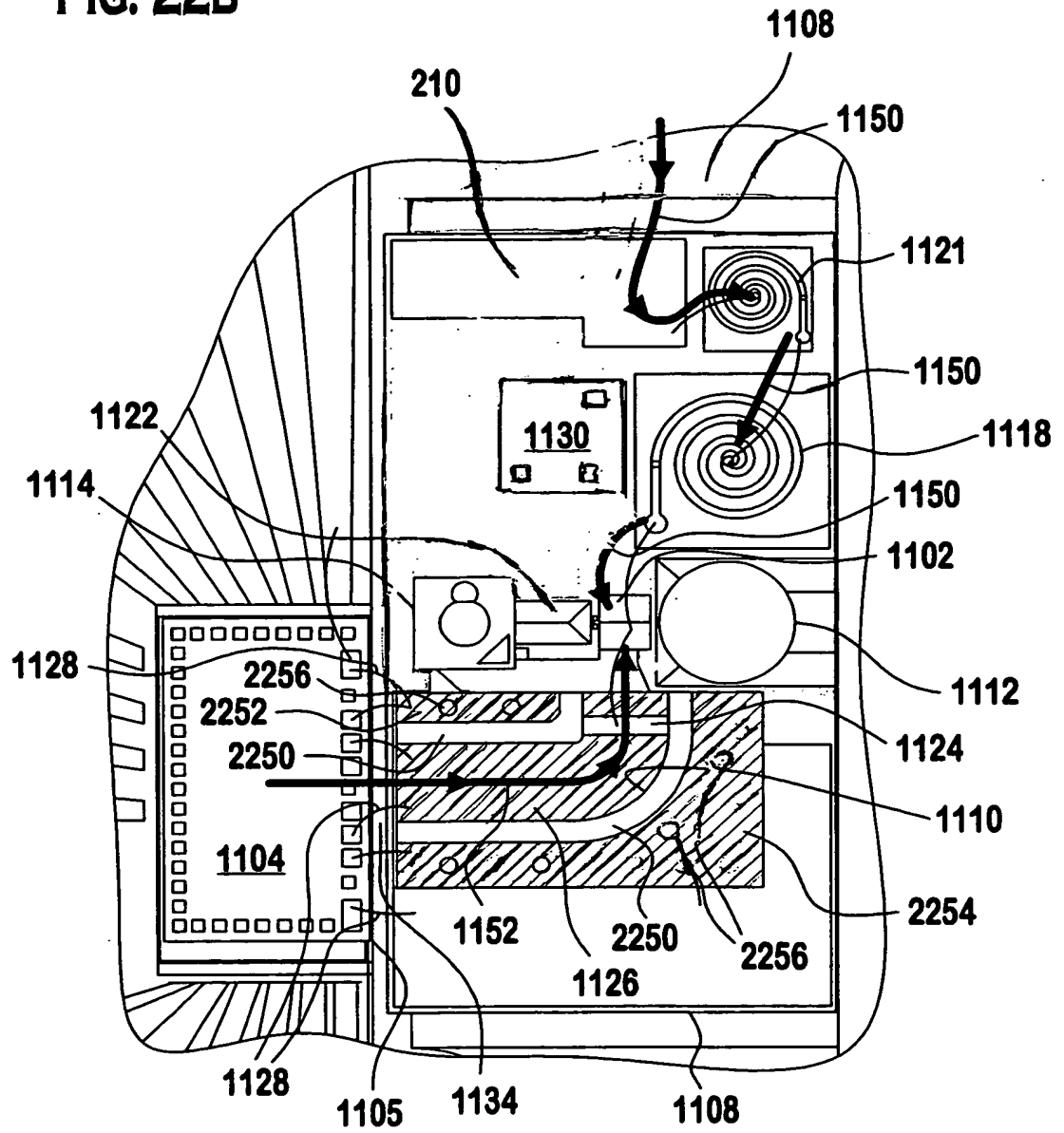
FIG. 20A





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FIG. 22B



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FIG. 22c

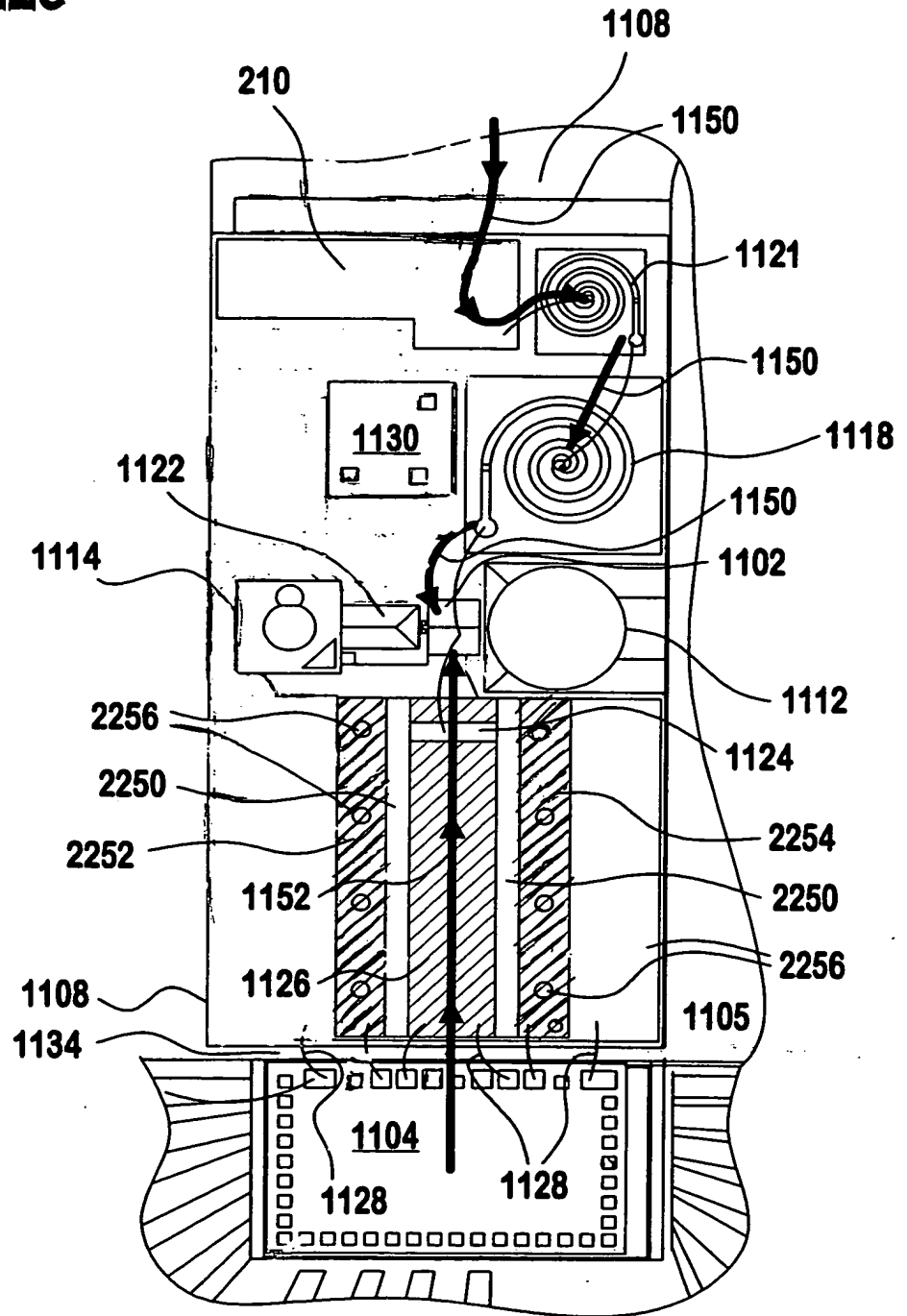
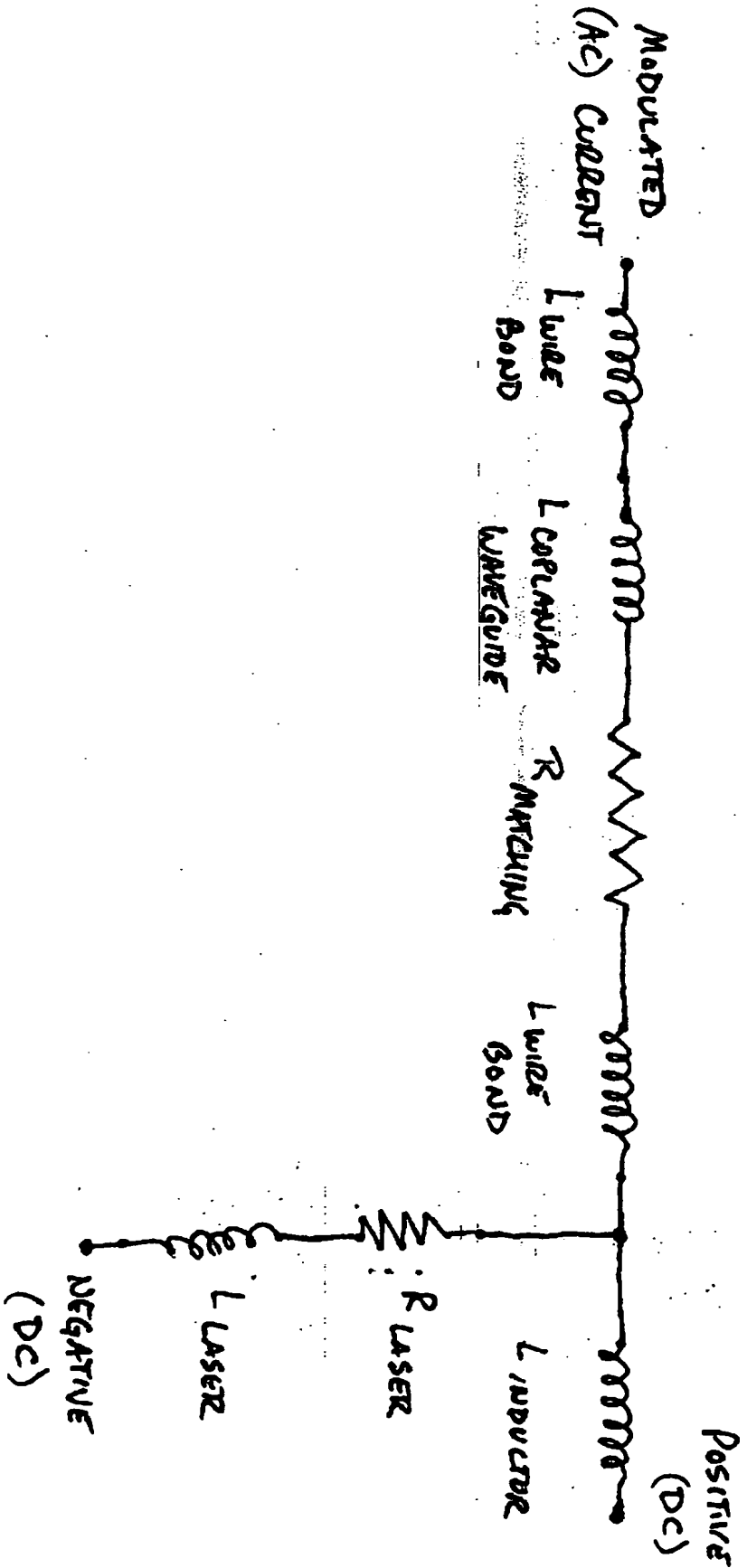


FIG 22D



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TEMP_{CURVE 1} > TEMP_{CURVE 2} > TEMP_{CURVE 3}

FIG. 23

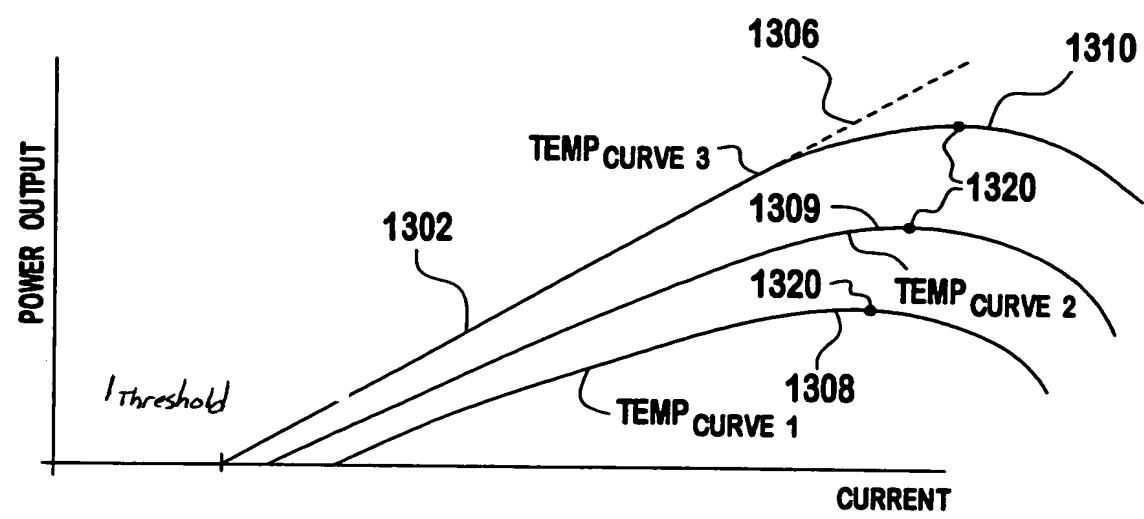


FIG. 24

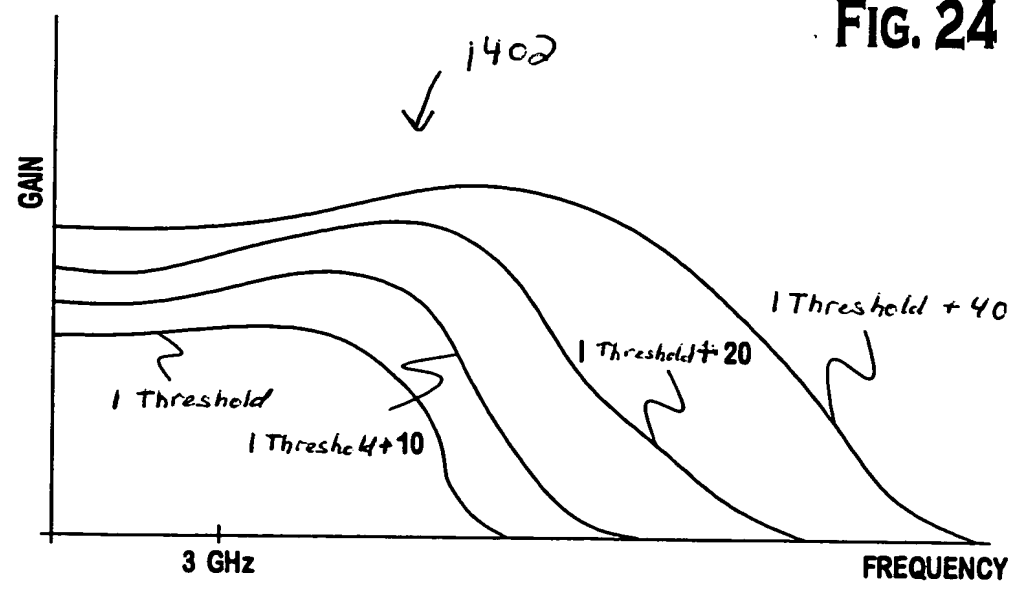


FIG. 25

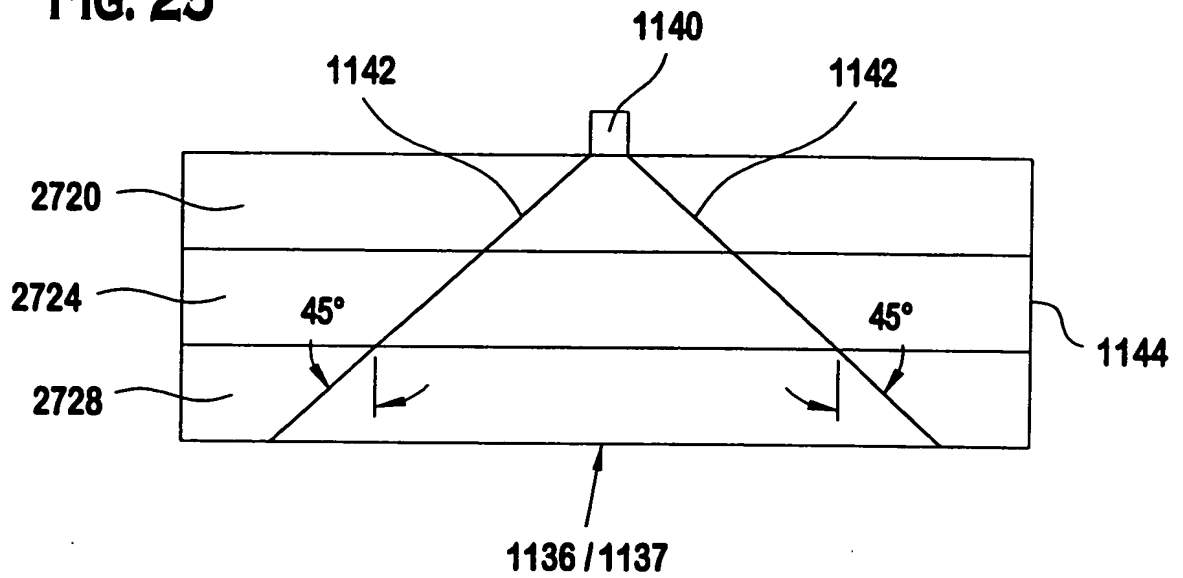
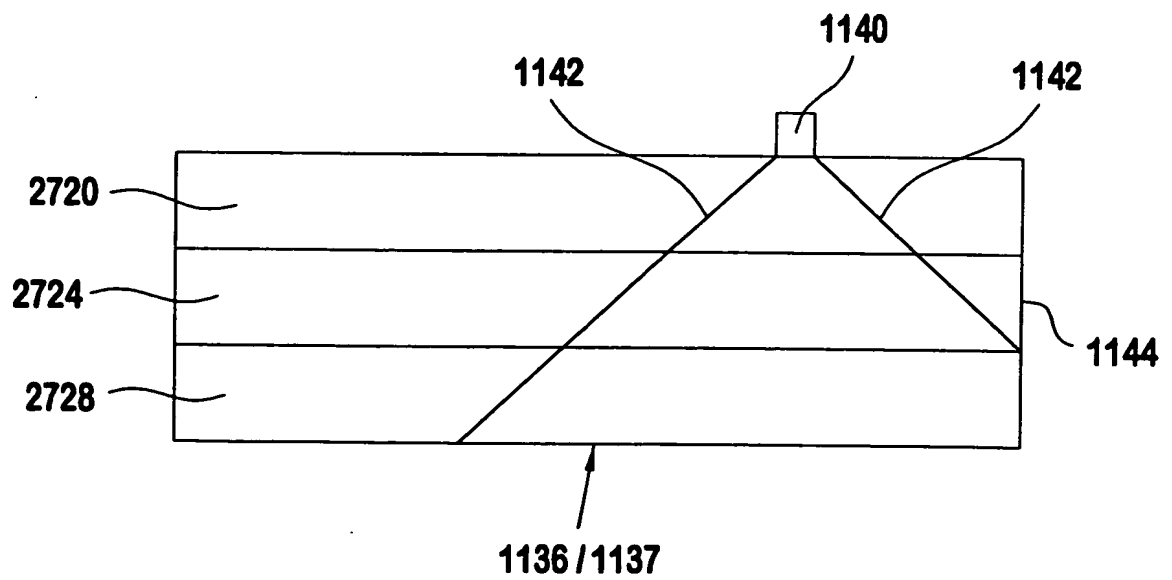


FIG. 26



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FIG. 27A

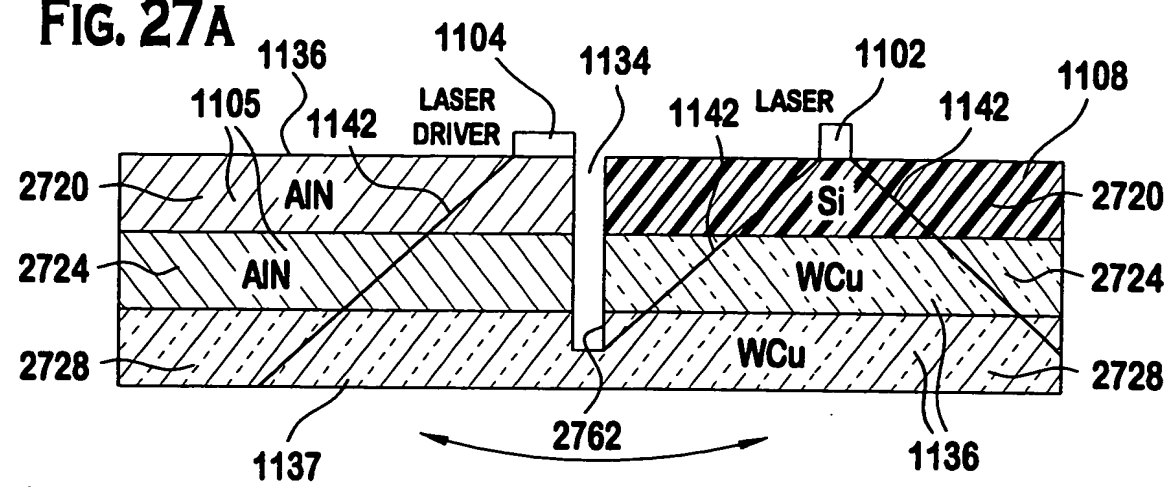


FIG. 27B

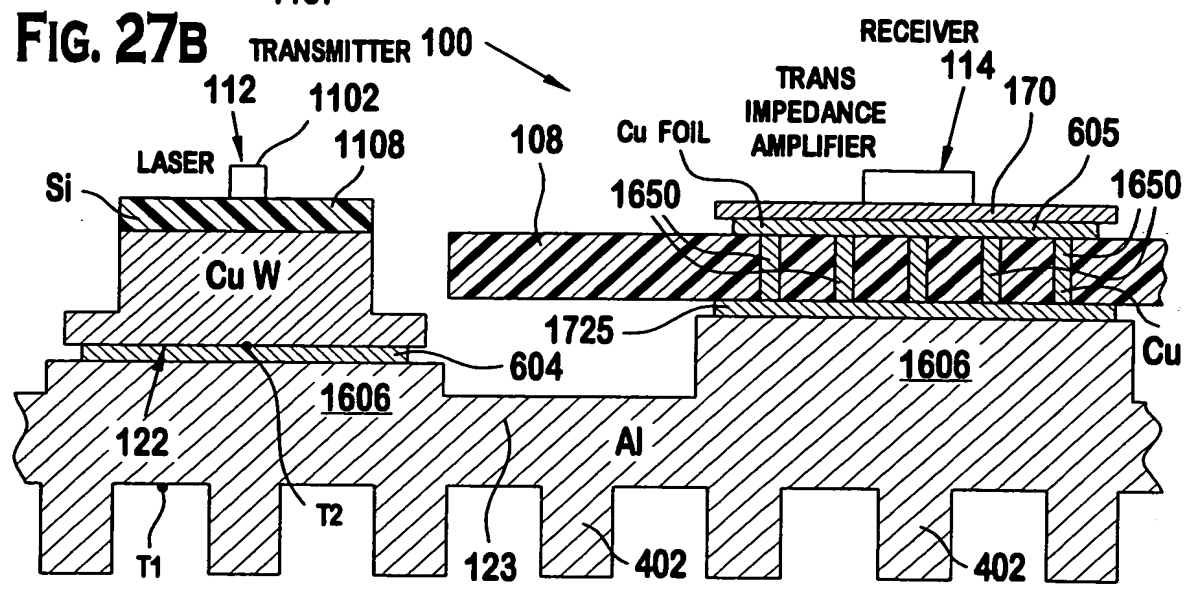


FIG. 27C

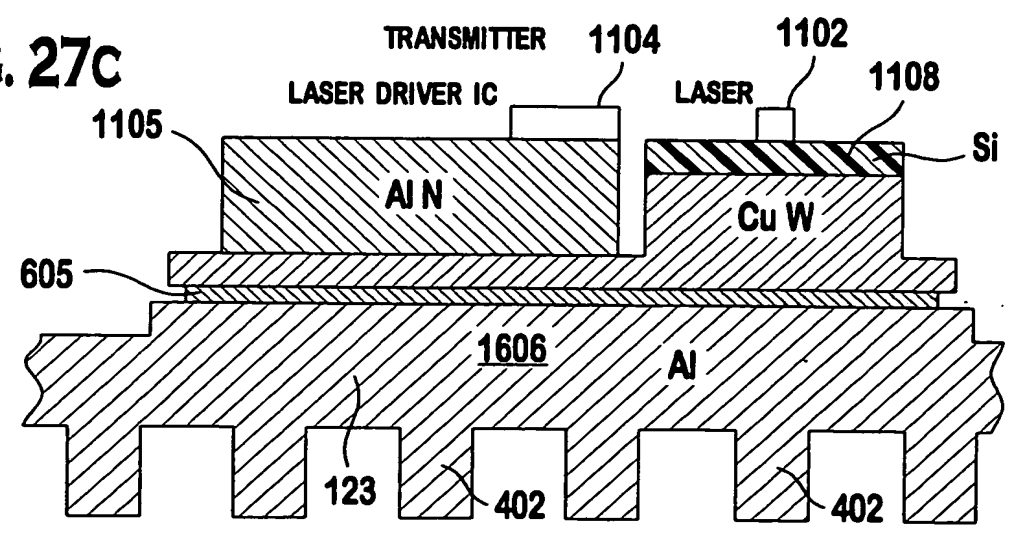


FIG. 28

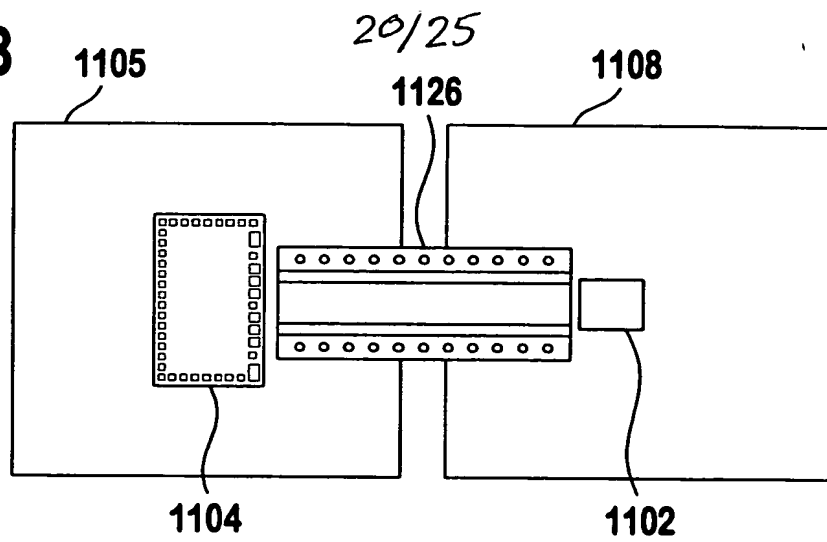


FIG. 29

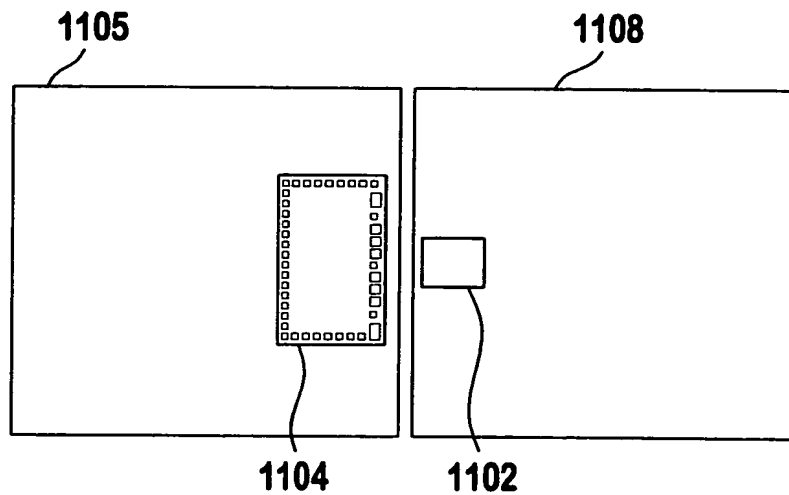
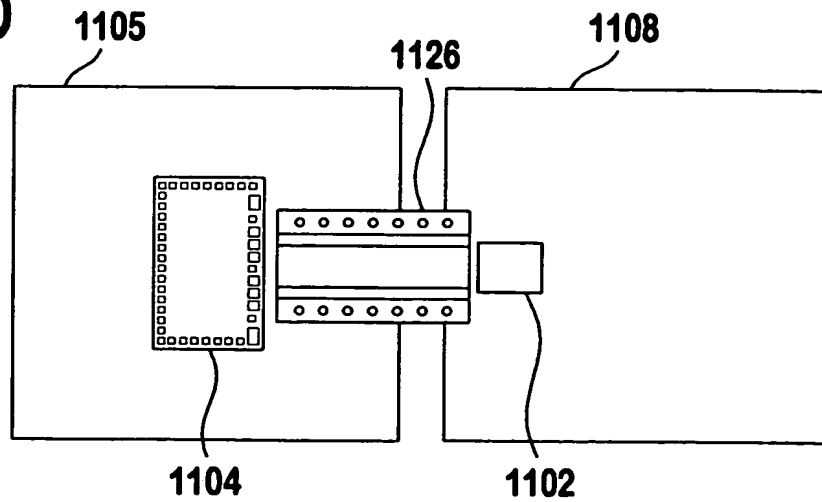


FIG. 30



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FIG. 31

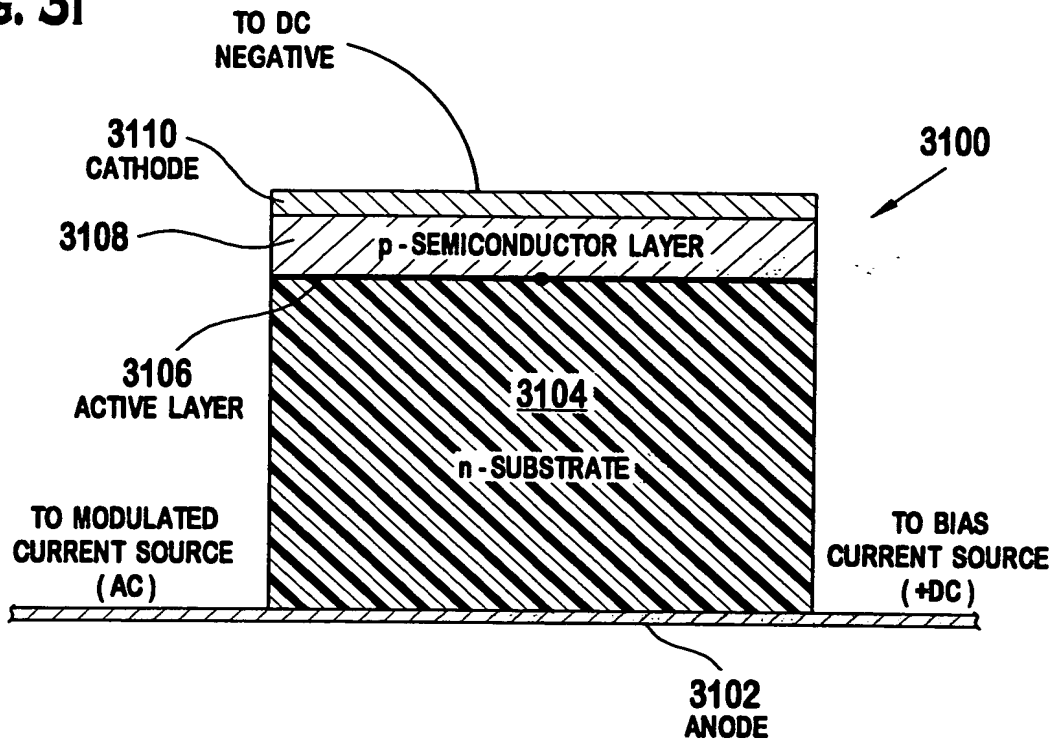


FIG. 32

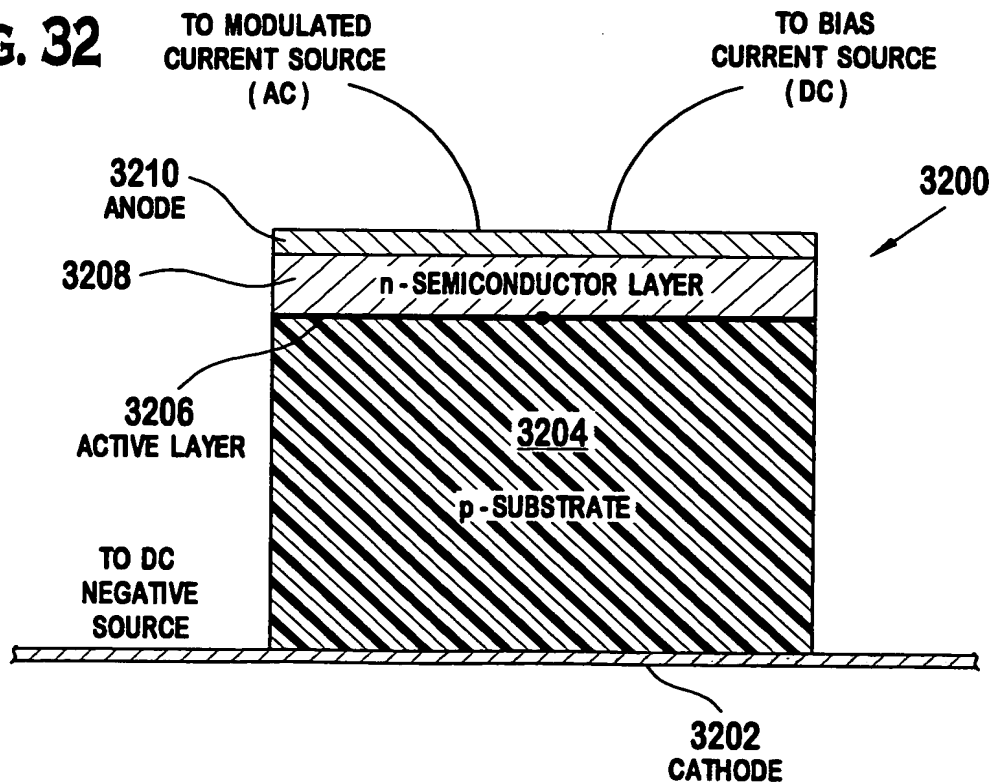


FIG. 33A

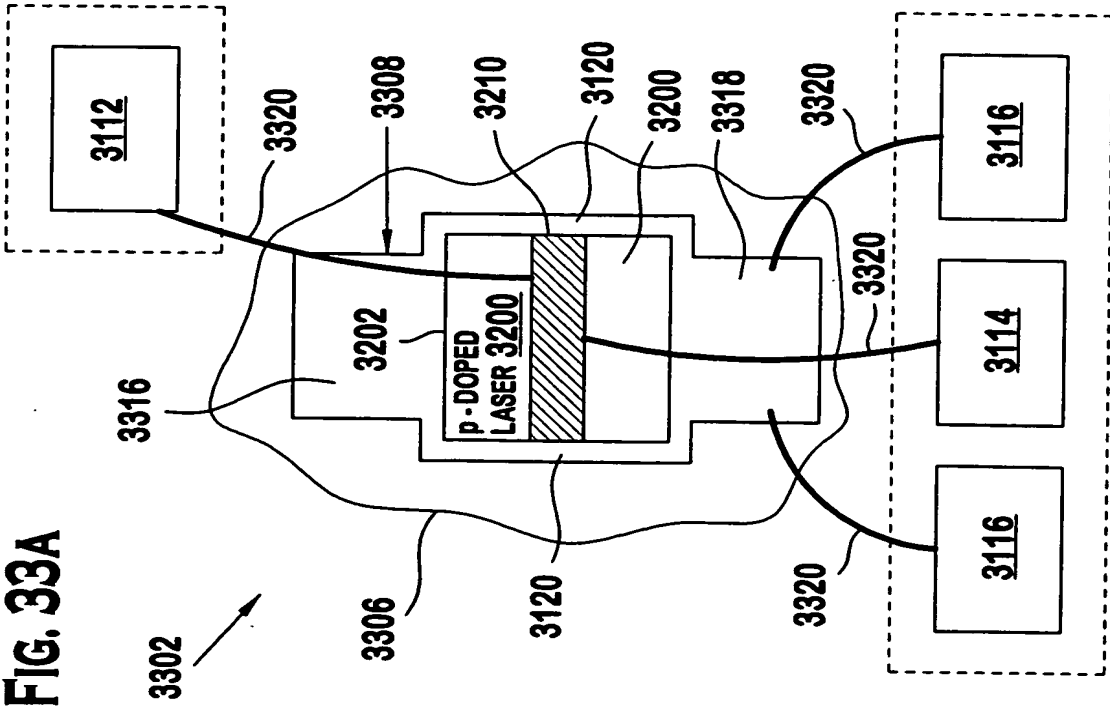
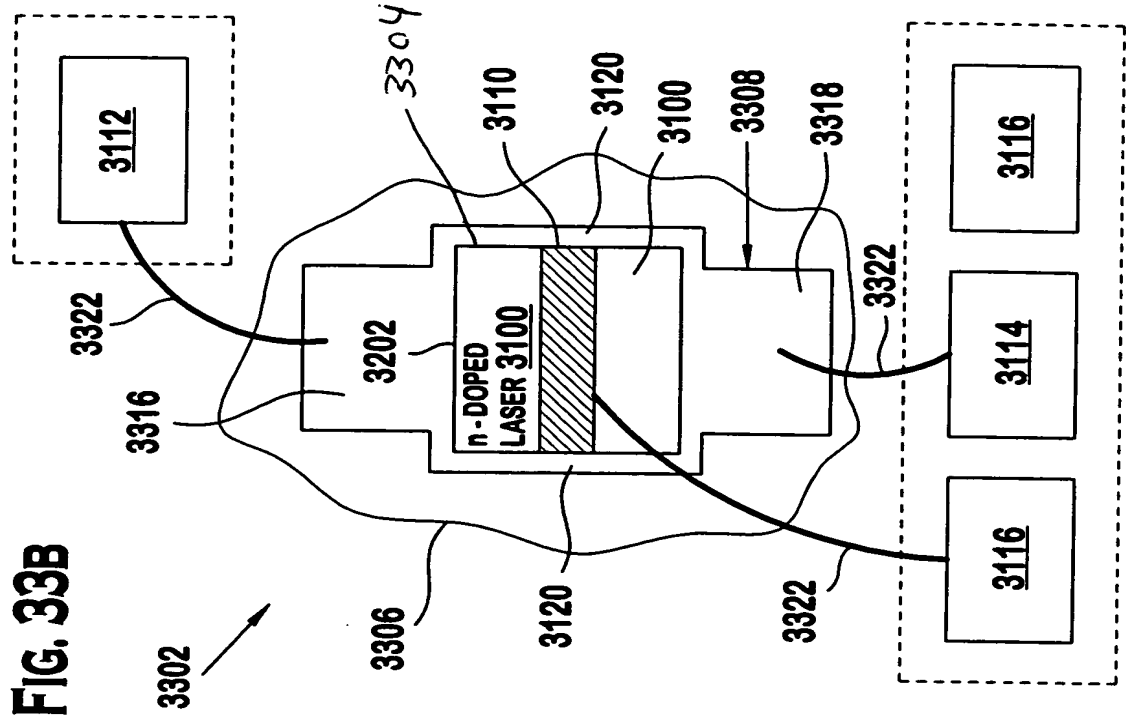


FIG. 33B



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FIG. 34

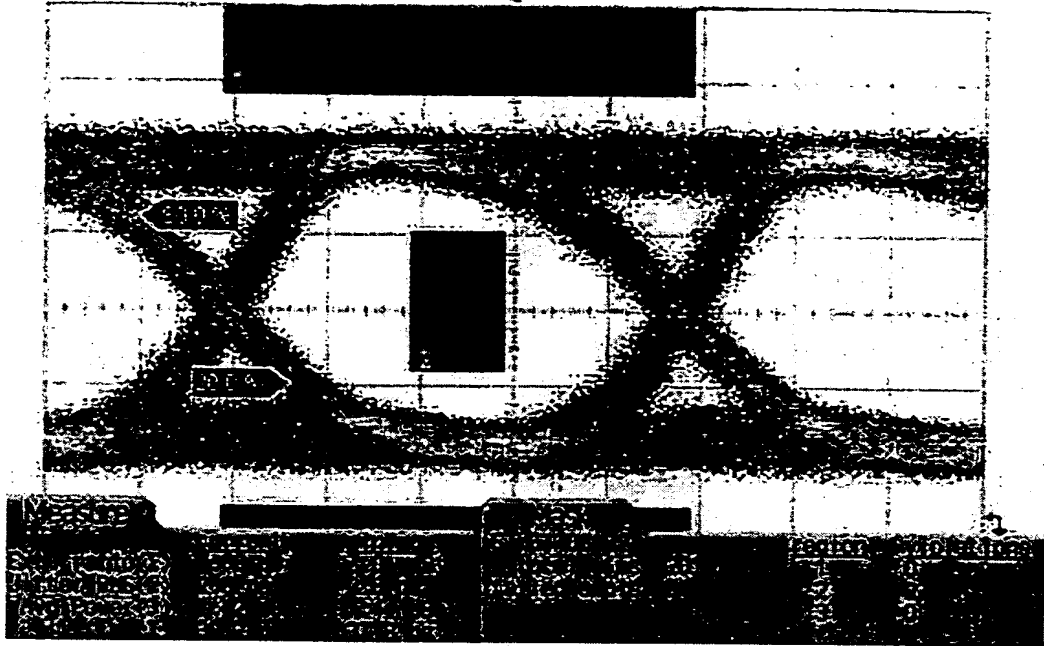
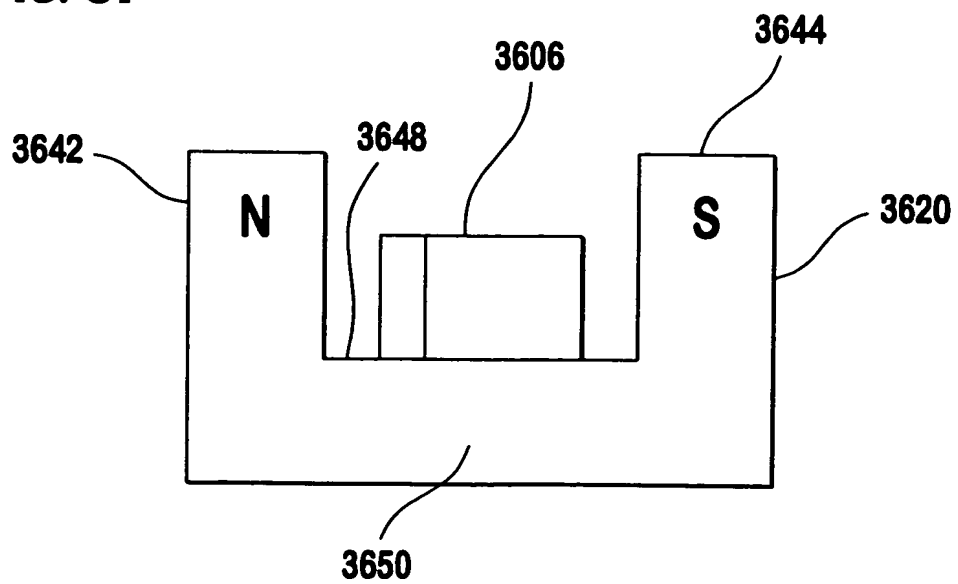


FIG. 37



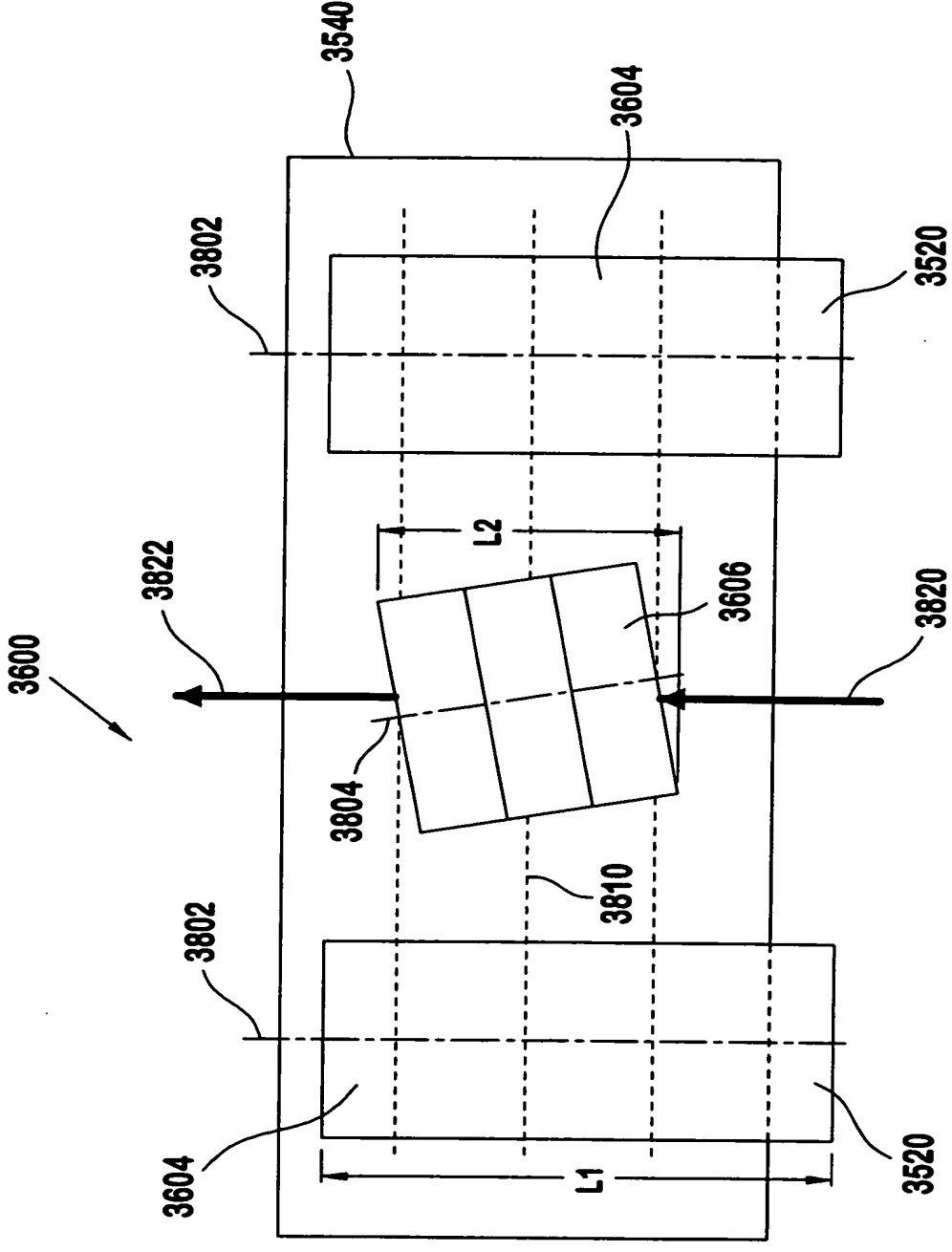


FIG. 35

